

Chapter 64

Report on Global Environment

Competitiveness of Honduras

Honduras is located in Central America. It borders Guatemala to the west, El Salvador to the southwest, Nicaragua to the southeast. It covers 111.9 thousand of square kilometers and has a population of 7.75 million. Its GDP reaches \$17.43 billion in 2011. Through the index system and evaluation model, the environment competitiveness index of Honduras ranks at 16 in 133 countries.

Score:
55.21
Rank:
16

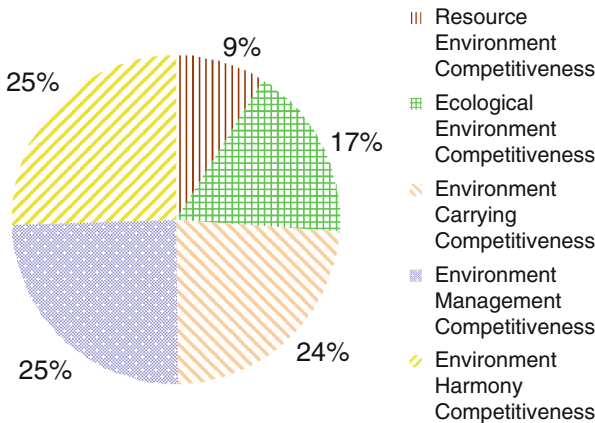


Fig. 64.1 Contribution of sub-index to GEC

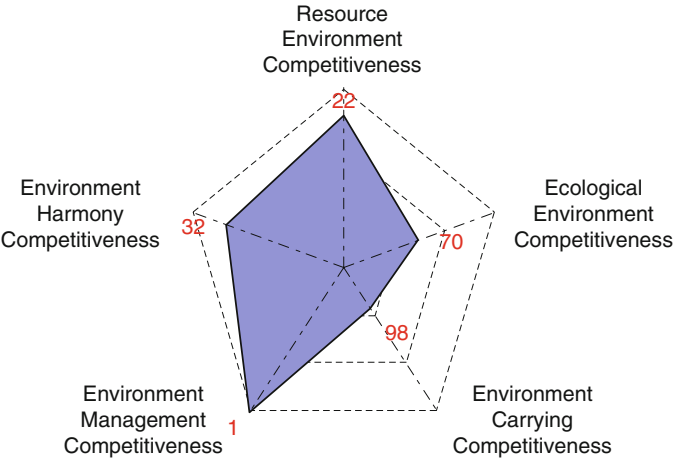


Fig. 64.2 Rank of sub-index of GEC

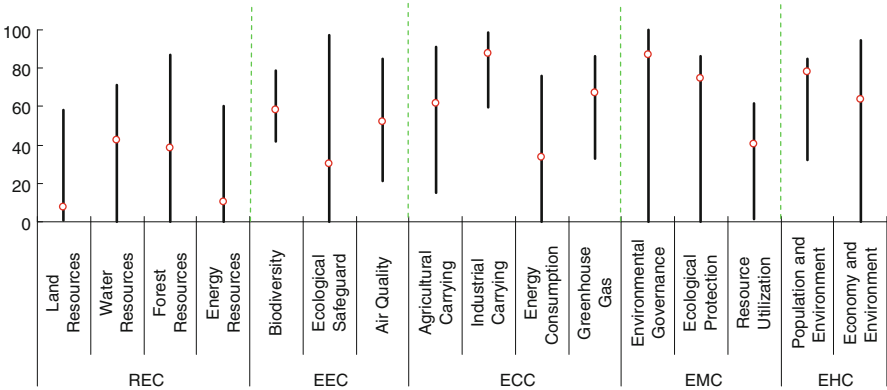


Fig. 64.3 Score and rank of the pillars of GEC

Table 64.1 Score and rank of all indicators of GEC

Indicators	Score	Rank	Indicators	Score	Rank
1 Resource Environment Competitiveness	24.89	22	Groundwater	50.19	10
1.1 Land Resources	7.48	106	Total internal renewable water resources	43.24	24
Land area per capita	2.58	62	1.3 Forest Resources	38.18	31
Percentage of arable land to total land area	15.33	85	Growing stock in forest and other wooded land	51.91	54
Arable land per capita	6.15	81	Proportion of land area covered by forest	53.09	24
1.2 Water Resources	42.29	19	Forest area per capita	4.56	39
Surface water	8.38	41	1.4 Energy Resources	10.23	43
Annual precipitation	67.37	14			

(continued)

Table 64.1 (continued)

Indicators	Score	Rank	Indicators	Score	Rank
Fossil energy	0.00	64	3.3 Energy Consumption	33.66	64
Energy production	0.29	103	Energy consumption per unit of land area	99.92	38
Proportion of combustible renewable and waste to total energy consumption	46.08	27	Ratio of clean energy consumption	9.31	56
Net energy imports of the energy consumption	6.08	89	Elasticity of energy consumption	13.83	74
2 Ecological Environment Competitiveness	47.52	70	Elasticity of electric power consumption	11.58	37
2.1 Biodiversity	58.32	58	3.4 Greenhouse Gas	66.97	36
Threatened fish species	87.26	71	Growth rate of CO ₂ emissions	61.73	33
Threatened mammal species	96.20	37	Growth rate of Methane emissions	52.95	100
Threatened plant species	93.76	107	CO ₂ emissions per unit of land area	99.93	45
GEF benefits index for biodiversity	7.20	38	CO ₂ emissions per unit of energy consumption	58.54	36
2.2 Ecological Safeguard	30.47	42	4 Environment Management Competitiveness	68.01	1
Terrestrial protected areas	49.18	33	4.1 Environmental Governance	87.00	75
Marine protected areas	2.39	59	Agricultural chemicals regulation	N/A	N/A
2.3 Air Quality	52.20	85	Percentage of the rural population with access to an improved water source	79.00	79
Inhalable particles (PM10)	75.18	76	Percentage of the urban population with access to an improved water source	95.00	93
Particulate matter (PM2.5)	91.70	28	4.2 Ecological Protection	74.43	3
Index of indoor air pollution	8.10	98	Area of plantation and afforestation	N/A	N/A
Nitrogen oxides emission	68.40	43	Biome protect	82.20	42
Sulfur dioxide emission	40.87	43	Overfishing of fishing resources	66.67	22
3 Environment Carrying Competitiveness	64.91	98	4.3 Resource Utilization	40.45	50
3.1 Agricultural Carrying	61.44	108	Utilization rate of water resources	0.05	110
Cereal yield per unit of arable land	8.15	116	Percentage of total internal renewable water resources to total water resources	76.18	47
Fertilizer consumption per unit of arable land	94.96	64	Percentage of agricultural land to total land area	33.70	104
Annual freshwater withdrawals for agriculture per unit of arable land	98.97	63			
3.2 Industrial Carrying	87.83	95			
Net exports of goods as a percentage of GDP	69.86	103			
Electric power consumption per unit of value added of industry	89.99	85			
SO ₂ emissions per unit of value added of industry	99.68	83			
Annual freshwater withdrawals for industry per value added of industry	91.78	110			

(continued)

Table 64.1 (continued)

Indicators	Score	Rank	Indicators	Score	Rank
Percentage of fossil fuel energy consumption to total energy consumption	51.88	32	SO ₂ emissions per capita	97.62	46
			CO ₂ emissions per capita	97.51	37
			Energy consumption per capita	96.37	28
5 Environment Harmony Competitiveness	70.73	32	5.2 Economy and Environment	63.63	77
5.1 Population and Environment	77.82	28	Land resource utilization efficiency	0.04	92
Percentage of population with access to Improved sanitation facilities	71.00	86	Sulfur dioxide emissions per unit of GDP	91.06	84
Motor vehicles per 1,000 people	88.27	53	Carbon dioxide emissions per unit of GDP	83.53	81
Renewable internal freshwater resources per capita	14.97	29	Energy consumption per unit of GDP	79.90	81

Table 64.2 Rank distribution of the individual indicators of GEC

Sub-index	Number of the individual indicators	Rank 1–10	Rank 11–30	Rank 31–60	Rank 61–100	Rank 101–133
Resource Environment Competitiveness	14	1	4	4	3	2
Ecological Environment Competitiveness	11	0	1	5	4	1
Environment Carrying Competitiveness	15	0	0	5	7	3
Environment Management Competitiveness	10	1	0	3	2	2
Environment Harmony Competitiveness	10	0	2	3	5	0
Total	60	2	7	20	21	8

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